



DC-UPS-MODULE TWIN C 24 V / 10 A – 240 W
DC-UPS-MODULE TWIN C 24 V / 20 A – 480 W

Combined with COMPETENT-COSMO power supply with external battery

- Input 22.5 – 28 VDC
- Output voltage range 19.5 – 26.5 VDC
- Safety according to EN 60950
- Electromagnetic compatibility according to EN 50081-2
- Noise immunity according to EN 61000-6-1 and 61000-6-3
- Housing width 47 mm, vertically mounted on DIN rail
- Connection via screw plug connectors
- Weight approx. 0.4 kg
- Ta 50° C
- Protective system IP 20
- Integrated battery monitoring system, cycle time 15 min
- “On” indicator (LED)
- Potential-free signal contacts
- Polarity protection for input and battery connection
- Temperature controlled battery charging voltage available



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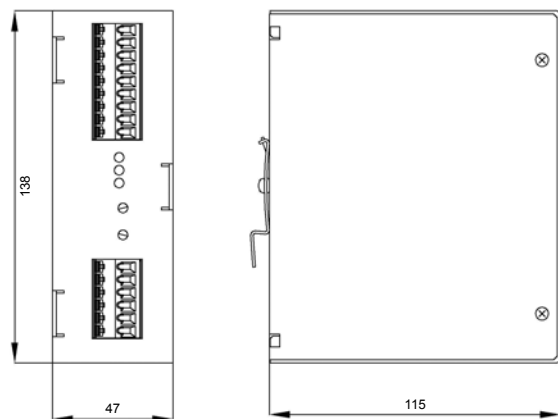
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DC-UPS-module with external battery

Technical data	
Input	
Nominal voltage	24 VDC
Input voltage range	22.5 – 28.0 VDC
Battery charging current	0.2 – 2.2 A (adjustable in 4 steps)
Release/disconnection	Potential-free contact or 5 – 24 V control voltage
Threshold for UPS	Typical 22.0 – 22.8 VDC adjustable
Output	
Output voltage (mains operation)	According input voltage
Output voltage (battery operation)	26.5 – 19.5 VDC
Output current	0 – 10 A / 20 A
Internal battery fuse	15 A / 20 A
Hold-up time	Load control: depends on load and battery Time control: 3 – 40 s / 30 – 180 s
Warning contact for battery partial discharge	At typical 22 V (stressable 1 A, 30 V, 30 VA)
Battery deep discharge protection	At typical 19.5 V
Power fail	Potential-free relay contact (stressable 1 A, 30 V, 30 VA)
Accumulator	External, additionally necessary 24 V, 1.2/2.0 – 24 Ah

Dimensions [mm]	
W x H x L	47 x 138 x 115



Ordering data	
Part no.	Ordering text
149352-51007	DC-UPS-module TWIN C 24 V / 10 A *
149352-61003	DC-UPS-module TWIN C 24 V / 20 A *

* Different screw plug connector dimensioning for 10 A or 20 A

Special design for TWIN C 24 V / 10 A	
• Battery module 24 V / 1.2 Ah (lead accumulator in lead-fleece construction) for DIN rail	
Dimensions (mm): W x H x L: 48 x 137 x 114 X210480-00025	